

Dear Bob,

Last night while I was doing some disassembling on my Bally I came across a table of functions. The interesting thing is that I found a few new ones. Bellow is a list of the usefull ones with a description:

ABS(N) returns the absolute value of N. ABS must be spelled out.
STOP this must be spelled out and causes exaction of the program to stop and return to direct mode.
CALL N spell this one out also. N can be any address. This causes control to be passes to a machine language routine. Usually with devistatig results.

Here are a few that I can find no use for:

\$ It is in the list, but I cant use it in any way that does not result in an error.

*PRINT (use the print key) This appears to be a good command as long as it is not followed by anything.

TO RND Using the 2 keys. I have no ideas at all on this one.

I have also found that \geq and \leq are valid relational operators. The order is important and can't be reversed.

Here is the program I use to disassemble:

10 INPUT D D is the starting address you are interested in.

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13 CLEAR
16 FOR D=D TO D+8
17 PRINT #7,D,
18 A=%(D)
19 PRINT #7,A," ",
20 IF A<0 GOTO 60
30 GOSUB 1000
40 GOSUB 2000
47 NEXT D
50 GOTO 10
60 A=-A
70 GOSUB 1000
80 FOR B=1 TO 16
90 IF @(B)=48 @(B)=49;GOTO 110
100 @(B)=48
110 NEXT B
120 B=1
130 @(B)=@(B)+1
140 IF @(B)=50 @(B)=48;B=B+1;GOTO 130
150 GOTO 40
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1000 FOR B=1 TO 16
1010 @(B)=A-A*2x2+48
1020 A=A*2
1030 NEXT B
1040 RETURN
2000 FOR B=8 TO 1 STEP -1
2005 IF B=B*3x3 TV=47
2010 TV= @(B)
2020 NEXT B
2030 PRINT
2040 RETURN
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Max